

**1.0 DESCRIPTION:** .050 KVA CONTROL TRANSFORMER

**2.0 DIMENSIONAL SPECIFICATIONS:**

- 2.1 #18 AWG WIRE, RED SECONDARY, BLACK PRIMARY
- 2.2 WIRE LENGTHS: X1 = 11 IN., X2 = 6 IN., H1 = 12 IN., H2 = 14 IN.
- 2.3 LUGS: X1, H1, H2 - INSULATED PUSH ON .250 x .032, X2 - RING TYPE, #10 STUD
- 2.4 1/2" MINIMUM SPACING BETWEEN ADJACENT LEADS AND BETWEEN LEADS AND GROUND MEASURED ON COIL SURFACE.
- 2.5 MOUNTING HOLES MUST ACCEPT .188 DIA. PINS ON 3.562 CENTERS

**3.0 MATERIALS:**

- 3.1 WIRE TO BE 130°C CLASS B NYLON POLYURETHANE
- 3.2 CLASS F (155°C) VARNISH FINISH OVER ENTIRE TRANSFORMER, TO BE APPLIED BY DIPPING OR VACUUM IMPREGNATION. BLACK FINISH OVER ENTIRE TRANSFORMER

**4.0 MARKING:**

- 4.1 IDENTIFY ALL LEAD WIRES 4" FROM COIL AND 4" FROM THE END OF THE WIRES.
- 4.2 NAMEPLATE TO BE OBTAINED FROM ALLEN-BRADLEY CO. OR TRANSFORMER SUPPLIER. STAMP NAMEPLATE WITH A-B PART NUMBER, PRIMARY AND SECONDARY VOLTAGES, KVA, FREQUENCY, UL RECOGNIZED TYPE DESIGNATION AND CSA FILE NUMBER.
- 4.3 MOUNT NAMEPLATE TO BE READ FROM SECONDARY SIDE.
- 4.4 MARK DATE CODE TO SHOW MONTH AND YEAR OF MANUFACTURE

REFERENCE		CONTROL TRANSFORMER		<p>THIS DRAWING IS THE PROPERTY OF THE ALLEN-BRADLEY CO. INC. AND MAY NOT BE COPIED, USED OR DISCLOSED FOR ANY PURPOSE EXCEPT AS AUTHORIZED IN WRITING BY THE ALLEN-BRADLEY CO. INC.</p> <p>LOCATION: MILWAUKEE, WISCONSIN U.S.A.</p>													
		.050 KVA															
		<p><b>ALLEN-BRADLEY</b> A ROCKWELL INTERNATIONAL COMPANY</p>															
<p><b>REVISION AUTHORIZATION</b></p> <table border="1"> <tr> <td>3</td> <td>50077-94</td> </tr> <tr> <td>4</td> <td>50172-94</td> </tr> <tr> <td>5</td> <td>2001-00</td> </tr> </table>		3	50077-94	4	50172-94	5	2001-00	<p>DIMENSIONS APPLY BEFORE SURFACE TREATMENT</p> <p>(DIMENSIONS IN INCHES) TOLERANCES UNLESS OTHERWISE SPECIFIED</p> <p>.XX: ± .02</p> <p>.XXX: ± .005</p> <p>ANGLES: ± 1°</p>		<table border="1"> <tr> <td>DR. <i>T. Leonard</i></td> <td>DATE 5/22/00</td> </tr> <tr> <td>CHKD. <i>P. J. Todd</i></td> <td>DATE 5/24/00</td> </tr> <tr> <td>APPD. <i>C. M. ...</i></td> <td>DATE 5/30/00</td> </tr> </table>		DR. <i>T. Leonard</i>	DATE 5/22/00	CHKD. <i>P. J. Todd</i>	DATE 5/24/00	APPD. <i>C. M. ...</i>	DATE 5/30/00
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		<p>DWG. SIZE <b>A</b></p>		<p>SHEET <b>1</b> OF <b>2</b></p> <p><b>25636-167</b></p>													

**5.0 ELECTRICAL SPECIFICATIONS:**

- 5.1 TEMPERATURE RISE LESS THAN 55°C AT FULL LOAD, NOMINAL VOLTS AND LOWEST RATED FREQUENCY.
- 5.2 DIELECTRIC TEST BETWEEN WINDINGS AND TO FRAME 1500 VOLTS, 60 HZ.

**6.0 WINDING DATA:**


- 6.1 SECONDARY TO BE INSIDE WINDING.
- 6.2 SEE TABLE FOR VOLTAGE AND FREQUENCY.

**7.0 VENDOR MODIFICATIONS:** A-B SHALL BE NOTIFIED OF ANY CHANGES IN MATERIALS OR PROCESSES WHICH COULD AFFECT THE PERFORMANCE, RELIABILITY OR PHYSICAL CHARACTERISTICS OF THIS DEVICE.

**8.0 PACKAGING**

SHIPPING CONTAINERS MUST BE MARKED WITH MANUFACTURER'S NAME AND PART NUMBER.

PART NO.	CHG. LTR.	PRIMARY VOLTS.	SECOND. VOLTS.	HZ	A-B NAMEPLATE (REF. ONLY)
-01	C	480	120	60	44010-133-02
-02	C	240	120	60	44010-133-03
-03	C	600	120	60	44010-133-04
-04	B	208	120	60	44010-133-08
-05	B	380	110	50	44010-133-09
-06	B	415	110	50	44010-133-10
-07	B	220	110	50	44010-133-11

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